

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-334-2  
Relating to Exemptions Under Section 27156 of the Vehicle Code

POWERDYNE AUTOMOTIVE PRODUCTS  
6 PSI MODEL # BD-10 AND BD-11/A SUPERCHARGER

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-45-9;

**IT IS ORDERED AND RESOLVED:** That the installation of the 6 psi model # BD-10 and # BD-11/A Supercharger manufactured by Powerdyne Automotive Products, 104-C East Avenue, K-4, Lancaster, California 93535 has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for 1986 to 1995 Ford Motor Company vehicles equipped with a 5.0 or 5.8 liter fuel injected engine.

Powerdyne Automotive Products' model # BD-10 and # BD-11/A Supercharger includes a 6 psi supercharger with a 3.125" pulley, fuel management system, open element air cleaner, and assorted mounting brackets.

This Executive Order is valid provided that the installation of the 6 psi model # BD-10 and # BD-11/A will not recommend tuning the vehicle to specifications different from those submitted by Powerdyne Automotive Products. Powerdyne Automotive Products recommends that only 92 percent octane fuel be used and ignition timing be retarded to 9 degrees BTDC. The crankcase breather hose is relocated to the inlet of the supercharger after the air filter.

Changes made to the design or operating conditions of the 6 psi model # BD-10 and # BD-11/A Supercharger, as exempted by the Air Resources Board, which adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the 6 psi # BD-10 and # BD-11/A Supercharger using any identification other than that shown in this Executive Order or marketing of the 6 psi model # BD-10 and # BD-11/A Supercharger for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the 6 psi model # BD-10

and # BD-11/A Supercharger shall not be construed as an exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order does not constitute any opinion as to the effect the use of the 6 psi model # BD-10 and # BD-11/A Supercharger may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on comparative intake manifold air pressure testing which show no effect in performance due to the 6 psi model # BD-10 and # BD-11/A Supercharger during a Hot-Start 505 LA4 drive cycle. However, the Air Resources Board finds that reasonable grounds exist to believe that use of the 6 psi model # BD-10 and # BD-11/A Supercharger may adversely affect emissions of motor vehicles when operating under conditions outside the parameters of the previously prescribed test procedures. Accordingly, the Air Resources Board reserves the right to conduct additional emission tests, in the future, as such test are developed, that will more adequately measure emissions from all cycle phases. If such test results demonstrate that the 6 psi # BD-10 and # BD-11/A Supercharger adversely affects emissions during off-cycle conditions (defined as those conditions which are beyond the parameters of the Cold-Start CVS-75 Federal Test Procedure), this Executive Order shall be effectively rescinded as of the date the test results are validated. Further, if such test results or other evidence provides the Air Resources Board with reason to suspect that the 6 psi model # BD-10 and # BD-11/A Supercharger will affect the durability of the emission control, Powedyne Automotive Products shall be required to submit durability data to show that the durability of the vehicle emissions control system is not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

In addition to the foregoing, the Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 222, et seq.

**THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF POWEDYNE AUTOMOTIVE PRODUCTS' 6 PSI MODEL # BD-10 AND BD-11/A SUPERCHARGER.**

No claim of any kind, such as "approved by the Air Resources Board" may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination after hearing that grounds for revocation exist.

Executed at El Monte, California, this 30<sup>th</sup> day of December 1999.



 R.B. Summerfield  
Division Chief  
Mobile Source Operations Division